

49. (amended) The interface of claim 33 wherein the encapsulant and support material together encapsulate fibers beyond one end of the individual lengths of the plurality of fibers.


50. (amended) The interface of claim 33 wherein the encapsulant and support material have a combined thickness encapsulating approximately 85% of the individual lengths of the plurality of fibers.

51. (new) The interface of claim 32 wherein the encapsulant comprises a gel.

52. (new) The interface of claim 32 wherein the encapsulant comprises a polymeric gel.

53. (new) The interface of claim 35 wherein the first surface opposes the third surface and defines another outermost surface of the thermally conductive composite except for fiber tips, if any, that terminate elevationally below the support material, an average length of the fibers being greater than an average thickness from the first surface to the third surface along an average direction of the fiber lengths.

54. (new) The method of claim 48 wherein the encapsulant comprises a gel.



55. (new) The method of claim 48 wherein the first surface opposes the third surface and defines another outermost surface of the thermally conductive composite except for fiber tips, if any, that terminate elevationally below the support material, an average length of the fibers being greater than an average thickness from the first surface to the third surface along an average direction of the fiber lengths.

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